curved path from the long side **32** to the other side **14** and thereby guides the airflow towards the nozzle **10**. The generally curved path of the interior wall is continued by an upper wall **40** of the nozzle **10** so that air is expelled from the nozzle **10** generally downwards. The height at which the air is expelled is below the level of a platform (not shown) at which the vehicle may stop, and expelling downwards reduces the risk of anyone on the platform from being scalded and the side of the vehicle from becoming excessively hot.

The interior wall **8** has a double skin so as to insulate the space within the vehicle, above the apparatus **1**, from the hot atmosphere within the enclosure **2**. The inner skin may be fabricated from a radiant reflective material with the curvature arranged such that heat radiated from the elements **22** is reflected to a focus coincident with the nozzle **10**.

Thus, the resistor banks are cooled by an airflow which is diverted, first of all, substantially perpendicularly to its incident direction and then substantially perpendicularly both to its diverted direction and to its incident direction.

With reference to FIG. **5**, in a modification of the embodiment of the invention shown in FIG. **1**, additional, second vanes **60** (shown schematically positioned in the figure) are provided externally of the enclosure **2**, below the first vanes **6**, to the remote side of the open bottom **12**. These second vanes **60** assist airflow into the enclosure **2** by 'capturing' air which is re-directed by and 'bounces off' the facing short sides **16**, **18** of the enclosure **2**.

What is claimed is:

1. Resistor bank cooling apparatus comprising an enclosure surrounding a resistor bank, air deflecting means for deflecting into the enclosure air flowing past an open side thereof, which open side is not a side facing the direction from which the air flowing past the enclosure flows, wherein the resistor bank has a resistor element which functions as at least one air flow directing baffle and wherein the air deflecting means and the or each baffle are each disposed thereby to create an air flow through the enclosure which achieves a sufficiently even cooling of the resistor bank.

2. Apparatus according to claim **1** wherein air is deflected by the air deflecting means thereby to draw into the enclosure further air flowing past the open side thereof.

3. Apparatus according to claim **1** wherein the air deflecting means is below the open side.

4. Apparatus according to claim **1** wherein the air deflecting means comprises at least one first vane.

5. Apparatus according to claim **4** wherein the at least one first vane is supported by parts extending from the enclosure.

6. Apparatus according to claim **5** wherein at least one second vane is supported to the remote side of the or each first vane remote from the open side.

7. Apparatus according to claim **4** wherein the open side of the enclosure is the bottom, the direction of the air flowing past the enclosure is substantially parallel to the plane of the bottom, the or each first vane is at an angle with respect to the plane of the bottom and the or each baffle is at an angle with respect to a plane perpendicular to the plane of the bottom.

8. Apparatus according to claim **4** wherein the or each first vane is curved in cross-section.

9. Apparatus according to claim **1** further comprising a shaped wall within the enclosure which directs the air which has passed the resistor bank in a direction out of the enclosure which is substantially perpendicular to the direction of the air flowing past the enclosure.

10. Apparatus according to claim **9** wherein the direction in which the shaped wall directs the air out of the enclosure is substantially perpendicular to the direction of the air flowing past the resistor bank.

11. Apparatus according to claim **9** wherein the shaped wall comprises a double skin.

12. Apparatus according to claim **1** comprising a nozzle through which air exits the enclosure.

13. Apparatus according to claim **1** wherein the air deflecting means comprises at least two sets of at least one first vane, each for deflecting air flowing in either one of two opposite directions past the enclosure.

14. Apparatus according to claim **12** wherein there are three first vanes in each set.

15. Apparatus according to claim **1** comprising a pair of resistor banks, one to either side of a common anchor axis, and each bank in a pair is oppositely angled.

16. Apparatus according to claim **15** wherein there are a plurality of pairs of resistor banks.

17. A traction vehicle dynamic braking system comprising apparatus according to claim **1**.

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